



IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant(s):

Uttam Ghoshal

Title:

THERMOELECTRIC DEVICES

Application No.: 10/756,603

Filed:

January 13, 2004

Examiner:

Alan D. Diamond

Group Art Unit:

1753

Atty. Docket No.: 089-0005

Confirmation No.:

1623

March 9, 2005

Mail Stop Amendment COMMISSIONER FOR PATENTS P.O. Box 1450 Alexandria, VA 22313-1450

INFORMATION DISCLOSURE STATEMENT 37 C.F.R. § 1.97(b)

Dear Sir:

Pursuant to 37 C.F.R. § 1.56, § 1.97 and § 1.98, the undersigned brings to the Examiner's attention in the above-identified application the patents, publications, applications or other information identified in the attached:

\boxtimes	Form(s) PTO/SB/08A (1 page(s), with copy of no reference(s)).
\times	Form(s) PTO/SB/08B (1 page(s), with copy of 2 reference(s)).
	Listing of Pending Applications (N/A page(s), with copy of no application(s))
	Other: N/A

Citation of such information shall not be construed as (i) an admission that the information necessarily is, or corresponds to, prior art with respect to the instant invention, (ii) a representation that a search has been made, other than as described herein, or (iii) an admission that the information cited herein is, or is considered to be, material to patentability as defined in § 1.56(b).

For each item of information listed that is not in the English language, the undersigned has provided a concise explanation of the relevance through (i) an English language abstract, (ii) an English language equivalent application, or (iii) if cited in a search report or other action by a foreign patent office in a counterpart foreign application, an English language version of the search report or action that indicates the degree of relevance found by the foreign office.

CERTAIN COPIES NOT INCLUDED

Pursuant to operative regulations, certain copies need not be provided and corresponding information is identified in this Information Disclosure Statement by citation only. In particular, 冈 In accordance with 37 C.F.R. § 1.98(a)(2)(ii), copies of cited U.S. Patents and U.S. Patent Application Publications are not included. Certain information was submitted to, or cited by, the Office in Application No(s). N/A, filed N/A, to which the above-identified application claims priority under 35 U.S.C. § 120. In accordance with 37 C.F.R. § 1.98(d), copies of that information are not included. Pursuant to 1287 OG 163 (October 19, 2004), for those cited pending U.S. patent applications filed (or which entered the national stage under 35 U.S.C. § 371) on or after June 30, 2003 or which are otherwise stored in the USPTO's Image File Wrapper system, copies are not included. FEE AUTHORIZATION П This Information Disclosure Statement is filed within three months of the filing date of a national application other than a continued prosecution application under § 1.53(d) or within three months of entry of the national stage as set forth in § 1.491 in an international application. Therefore, no fee is required. \boxtimes The undersigned believes that this Information Disclosure Statement is being filed before the mailing date of a first Office action on the merits or before the mailing date of a first Office action after the filing of a request for continued examination under § 1.114. Therefore, no fee is believed required. If however, this Information Disclosure Statement is filed after the period specified in § 1.97(b), the undersigned hereby authorizes the Commissioner to charge the fee set forth in § 1.17(p) to Deposit Account No. 50-0631. Respectfully submitted, **CERTIFICATE OF MAILING OR TRANSMISSION** I hereby certify that, on the date shown below, this correspondence is being deposited with the US Postal Service with sufficient postage as first class mail, in an envelope addressed to Commissioner Nicole Teitler Cave, Reg. No. 54,021 for Patents, P.O. Box 1450, Alexandria, VA 22313-1450. facsimile transmitted to the US Patent and Trademark Office. Attorney for Applicant(s) (512) 338-6315 (512) 338-6301 (fax)

EXPRESS MAIL LABEL:

PTO/SB/08A	(Substitut	e for form 1449/PTO)			Attorney Docket	No.: 089-0005	
					Application No.:	10/756,603	
		ΓΙΟΝ DISCLOSURE STATE	ANT	First Named Inventor: Uttam Ghoshal			
OIP		(Use several sheets if nec		Filing Date: January 13, 2004			
	3				Group Art Unit:	1753	
MAR 1 4	2005				Examiner Name: Alan D. Diamond		
MAK	ORI CE				Date Submitted:	March 9, 2005	
TRABE			U.S. PATENT DO	CUMENTS			
Examiner Initials*	Cite No.1	Document Number Number-Kind Code ² (if known)	Publication Date MM-DD-YYYY			Pages, Columns, Lines, Where Relevant Passages Relevant Figures Appear	
	AA	US-3,939,706	02-24-1976	Pinson			
	AB	US-4,036,665	07-19-1977	Barr et al.			
	AC	US-4,072,864	02-07-1978	von Gutfeld			
	AD	US-4,283,113	08-11-1981	Eden			
	AE	US-4,665,276	05-12-1987	Elbel et al.			
	AF	US-4,714,798	12-22-1987	Novak et al.			
	AG	US-4,766,008	08-23-1988	Kodato			
	AH	US-4,820,596	04-11-1989	Williams et al.			
	AI	US-4,835,059	05-30-1989	Kodato		, , , , , , , , , , , , , , , , , , , ,	
	AJ	US-4,963,195	10-16-1990	Kodato et al.			
	AK	US-6,505,468 B2	01-14-2003	Venkatasubrama	ınian		
	AL	US-6,539,725 B2	04-01-2003	Bell			
·	AM	US-6,662,570 B2	12-16-2003	Venkatasubramanian			
	AN	US-6,772,140 B2	04-20-2004	Venkatasubrama	ınian		
	AO	US 2002/0139123 A1	10-03-2002	Bell			
		F	OREIGN PATENT I	DOCUMENTS			
Examiner Cite Initials* No.1		Foreign Patent Document Country Code ³ -Number ⁴ -Kind Code ⁵ (if known) MM-DD-YYY		Name of Patentee or Applicant of Cited Document		Pages, Columns, Lines, Where Relevant Passages Or Relevant Figures Appear	7
Examiner Sig	nature			Date Consider	ed		<u> </u>

^{*}EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

Applicant's unique citation designation number (optional).

See Kinds Codes of USPTO Patent Documents at www.uspto.gov or MPEP 901.04.

Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3).

For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document.

Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST.16 if possible.

Applicant is to place a check mark here if English language Translation is attached.

This collection of information is required by 37 CFR 1.97 and 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14.

PTO/SR/08B	(Substitu	te for form 1449/PTO)		Attorney Docket No.:	080 0005		
F10/3B/06B	(Substitu	e tor torni 1449/F1O)					
OIPE	- Annua	TION DIGGLOCUPE OF A MENAPONE DV. A DD. AC		Application No.:	10/756,603		
7/1	ENRIMA 2	TION DISCLOSURE STATEMENT BY APPLICA		First Named Inventor:			
MAR 1 6 2005				Filing Date:	January 13, 2004		
	E .			Group Art Unit:	1753		
PADEMARY	<u>></u>		1	Examiner Name:	Alan D. Diamond	'	
Sheet 1 of 1			1	Date Submitted:	March 9, 2000		
	T	NON PATENT LITERAT	URE DOCUMEN	ITS			
Examiner Cite Include name of author (in CAPITAL LETTERS), title of article (when appropriate), title of the Initials* No. (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number publisher, city and/or country where published.							
	AA	GHOSHAL, UTTAM, "Design and Characterization International Conference on Thermoelectronics, 2002	ermoelectric Coolers," 2	002 IEEE, 21 st			
	AB	The Cardiff Thermoelectric Group, "Introduction to Thermoelectrics," http://www.thermoelectrics.com/introduction.htm, printed May 25, 2004, 5 pages.					
						•	
		•	•				
			·				
			•				
		,		11 11 11 11 11 11			
Examiner Signature		Date Cor	ısidered				

^{*}EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

Applicant's unique citation designation number (optional).

Applicant is to place a check mark here if English language Translation is attached.